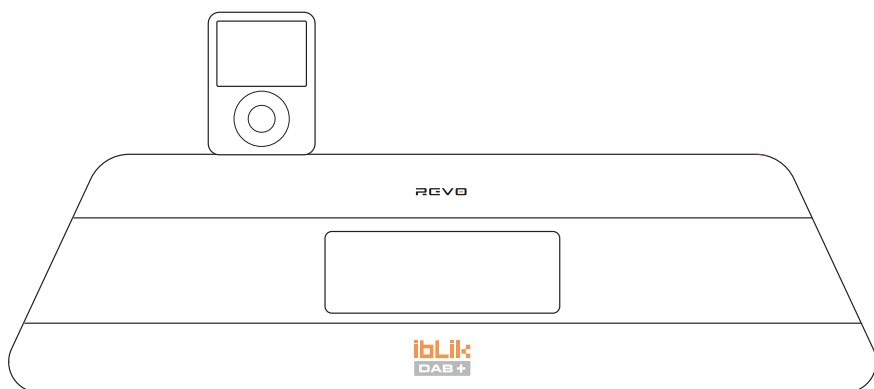


REVO®

ibLil:

DAB +



■ Operating Guide

■ mode d'emploi ■ Bedienungsanleitung ■ Mode d'emploi ■ Bruksanvisning



Contents

■ Welcome to iBLIK DAB+	3	■ Alarms Mode	11
iBLIK Overview	3	■ Sleep Mode	12
Warranty + Warranty Registration	3	■ System Setup	12
■ Controls and Connections	4	■ Troubleshooting	13
■ Remote Control Operation	4		
■ Powering iBLIK	4		
■ Getting Started	5		
iBLIK's Control Method	5		
iBLIK's Menus Explained	5		
■ Setting the Time and Date	6		
■ DAB Mode	7		
DAB Mode Menu Options	8		
■ FM Mode	9		
■ MPort Mode	9		
■ iPod Mode	10		

Preface

Copyright and Acknowledgements

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The information in this guide is believed to be correct at the time of publication. However, our policy is one of continuous development and so the information is subject to change without notice.

Revo, iBLIK and M-Port are trademarks or registered trademarks of Revo Technologies Limited.

iPod® is a registered trademark of Apple Computer, Inc.

Safety Warnings

Do not operate this radio near water.
Avoid small objects and liquids from getting into this product.
Do not remove screws or casing parts.
Use only the power supply unit supplied.

EEC: This product has been designed and type-tested to comply with EU requirements and carries a CE mark.



Technical Support

Should you encounter any difficulties with the operation of your Revo radio, or should you suspect that it may be faulty in some way, please call our technical support department on the number below:

01555 66 61 61

Alternatively, email support@revo.co.uk or visit the troubleshooting section of our website at: www.revo.co.uk/support



"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.

Welcome to iBLIK DAB+

Thank you for buying our iBLIK DAB+ digital radio, we feel sure that it will provide you with years of enjoyment and reliable service.

This guide has been designed to quickly get you up-and-running and listening to DAB and DAB+ digital radio, offer guidance on the more complex features of this product and provide information on safety, warranty and registration.

Benefits of Digital Radio

Clear, interference free digital sound

Many more stations, much more choice

No frequencies, select by station name

No re-tuning

Text information via LCD screen

iBLIK DAB+ Overview

BLIK DAB+ is capable of receiving both standard DAB and new DAB+ digital radio broadcasts, without the need for any software upgrades or modifications.

iBLIK DAB+ also includes an iPod dock for music playback and charging, as well as coverage of traditional FM radio, and comprehensive electronic alarm clock functionality.

DAB+ Reception

iBLIK DAB+ is capable of receiving broadcasts on the new DAB+ digital radio platform - without the need for modification or additional software. Meaning that iBLIK

Warranty

Revo Technologies Ltd warrants to the purchaser that this product will be free from parts and manufacturing defects in the course of normal use for a period of one year from the date of purchase.

This warranty does not apply in cases of accidental damage, where the case has been removed, wear and tear, negligence, modification or inappropriate use.

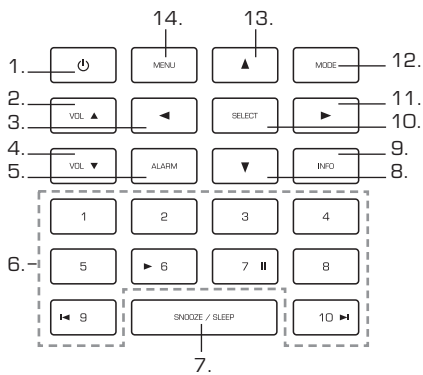
Should you encounter problems with this product, please contact your supplier or alternatively see page 2 of this guide for technical support contact details.

Warranty Registration

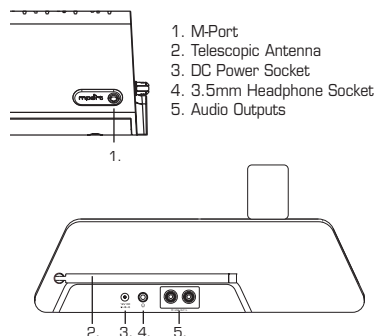
It is a warranty condition that you register your purchase by either completing the warranty card enclosed with your radio or alternatively registering online at www.revo.co.uk/register

is ready for future developments. This facility is in addition to iBLIK's reception of standard DAB signals.

Controls and Connectors



- 1. Power On / Off
- 2. Volume Up
- 3. Scroll Back
- 4. Volume Down
- 5. Alarm
- 6. Presets 1-10
- 7. Snooze / Sleep
- 8. Scroll Down
- 9. Info
- 10. Select
- 11. Scroll Forward
- 12. Mode



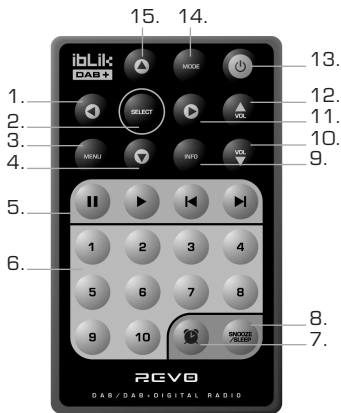
- 13. Scroll Up
- 14. Menu

Media Player Controls

► Play || Pause ◀ Skip Back ▶ Skip Forward

Remote Control

- 1. Scroll Back
- 2. Select
- 3. Menu
- 4. Scroll Down
- 5. Media Player Controls
- 6. Presets 1-10
- 7. Alarm / Clock
- 8. Snooze / Sleep
- 9. Info
- 10. Volume Down
- 11. Scroll Forward
- 12. Volume Up
- 13. Power On / Off
- 14. Mode
- 15. Scroll Up




5. Media Player Controls

|| Pause ► Play
◀ Skip Back ▶ Skip Forward

Powering iBLIK DAB+

Your iBLIK can be powered from the mains using the power adaptor supplied.

To power from the mains, insert the power adaptor plug into the DC power socket on the rear of iBLIK. Pressing the  button will switch iBLIK on.

Only use the power adaptor supplied. Replacements can be purchased from our website www.revo.co.uk, or alternatively call us on 01555 66 61 61.

Getting Started

iBLIK DAB+ is a sophisticated digital radio device, with several modes of operation and many advanced features.

In order for you to get the most out of iBLIK's functions, it is important that you learn how to use the cursor based control system, and also understand how iBLIK's menus work.

iBLIK DAB+'s Control Method

iBLIK DAB+'s control method is based around seven main keys as identified below.

▲ Scroll Up:

Press to scroll through menu options

◀ Scroll Back:

Press to return to the previously selected menu entry. Repeatedly pressing will return you to the top level of the Mode menu (for the mode you are in).

▶ Scroll Forward:

When in text entry screens, this key can be used to navigate through the characters. It can also be used to move through to the next menu level.

▼ Scroll Down:

Press to scroll through menu options

SELECT – Press to select the current menu entry. In FM mode, pressing **SELECT** will initiate an FM scan.

Menu:

Press to enter (or return to) the Mode menu for the mode of operation you are currently in. Pressing for a second time will return you to the 'playing' screen.

Mode:

Sequentially cycles through each of the modes of operation.

Using these keys, you will be able to perform most functions and navigate through iBLIK DAB+'s various menus

iBLIK DAB+'s Menus Explained

iBLIK DAB+ has three types of menu as follows:

Main Menu

This is iBLIK's principle (top level) menu, and allows you to enter different operating modes, setup the radio, and view information such as the software version your radio is running.

Mode Menus

The Mode menus are so called because they show the functions available within the context of each of the operating modes (DAB mode, iPod mode, FM mode etc.).

Pressing the **MENU** button at any time will take you to the Mode menu of the operating mode your radio is currently in. Each Mode menu includes a listing for Main Menu – selecting this option will return you to the top level Main Menu (as described above).

Main Menu

The Main menu provides access to the following modes and sub-menus:

DAB
FM
Mport
iPod
System Setup
Info

On powering-up iBLIK for the first time, you will be presented with this menu. To select an option from the menu, simply use the ▲ or ▼ keys to move through the menu options, and press **SELECT** or ▶ to make a selection or move to the next menu level.

Setting the Time and Date

iBLIK DAB+ must have its clock and date set to use the alarm functionality.

To automatically set the time and date, tune to a DAB service and iBLIK will extract the correct time and date from the DAB broadcast stream. Alternatively, the time and date can be manually set via the 'Time Setup' option, this can be found under the 'System Setup' menu, which is located in the 'Main Menu.'

Manually

Time

- To set the time manually, first press the **MENU** key.
- Using the ▲ and ▼ cursor keys, scroll to 'Main Menu' and press the **SELECT** or ► key. Now select "System setup".
- Using the ▲ and ▼ cursor keys, scroll to "Time setup" and press the **SELECT** or ► key.
- Choosing "Set clock" will allow you to manually set the time.
- Use the ▲ and ▼ cursor keys to set the hours then press the **SELECT** or ► key.
- Use the ▲ and ▼ cursor keys to set the minutes then press the **SELECT** or ► key.

Date

- To set the date manually, first press the **MENU** key.
- Using the ▲ and ▼ cursor keys, scroll to 'Main Menu' and press the **SELECT** or ► key. Now select "System setup".
- Using the ▲ and ▼ cursor keys, scroll to "Time setup" and press the **SELECT** or ► key.
- Choosing "Set date" will allow you to manually set the date.
- Use the ▲ and ▼ cursor keys to set the day then press the **SELECT** or ► key.
- Use the ▲ and ▼ cursor keys to set the month then press the **SELECT** or ► key.
- Use the ▲ and ▼ cursor keys to set the year then press the **SELECT** or ► key.

Automatically

- To set the time and date automatically, first press the **MENU** key.
- Using the ▲ and ▼ cursor keys, scroll to 'Main Menu' and press the **SELECT** or ► key. Now select "System setup".
- Using the ▲ and ▼ cursor keys, scroll to "Time setup" and press the **SELECT** or ► key.
- Using the ▲ and ▼ cursor keys, scroll to "Auto update" and press the **SELECT** key or ► key. Now choose "update from DAB" by pressing **SELECT** or ► to confirm your selection.

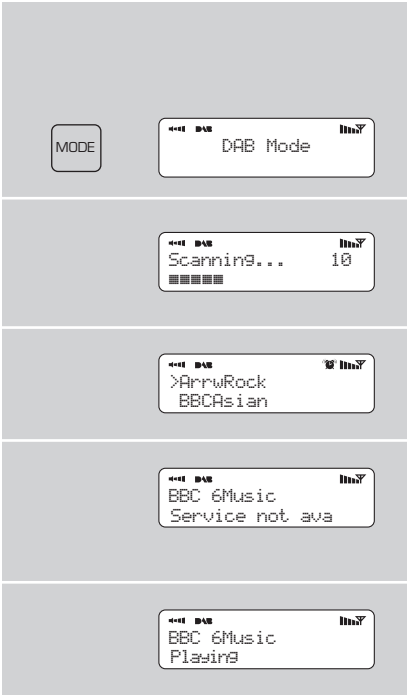
Auto update from DAB

- If you have selected "Set from DAB", the radio will automatically set the date and time the next time you listen to a DAB station. The local time and date will be set and there is no need to adjust the clock for Daylight Saving.

DAB Mode

Choosing a Station

- Extend the telescopic antenna found on the rear of iBLIK DAB+.
- Enter 'DAB Mode' from the Main Menu or by pressing the **MODE** key until 'DAB Mode' is displayed on iBLIK's LCD display.
- If this is the first time iBLIK DAB+ has been used in DAB Mode, it will scan for DAB stations in your area and store them in memory.
- When the station scan has been completed, stations will be displayed in numeric then alphabetic order. The first station in the list will be selected.
- If no DAB signal is found, it may be necessary for you to relocate your radio or check that DAB coverage is available in your area.
- Select your station choice by using the ▲ and ▼ cursor keys, scroll through the station list and press **SELECT** or the ► key to make your selection.



To Change the Display Mode

- iBLIK has nine different display modes.
Simply press the **INFO** button to cycle through each mode. These display modes are explained in the table opposite:

Display option	Example
Normal display with scrolling text	BBC Radio 1 calls cost max
Signal level, indicator on bar shows minimum acceptable level	tikSPORT [Progress Bar]
Type of broadcast	BBC Radio 1 Pop Music
Broadcaster	BBC Radio 1 BBC National DAB
Station name and frequency	BBC Radio 1 12B 225.64MHz
Signal strength	BBC Radio 1 Sig strength 96
Data rate and stereo/mono	BBC Radio 1 128kbps Stereo
Time	BBC Radio 6Music 11:48:03
Date	BBC Radio 6Music 18/12/2007

DAB Mode Menu Options

iBLIK DAB+ has a number of additional functions that are accessed through the DAB Mode menu, as follows:

Station Order

- Press the **MENU** key in DAB Mode then press select Station order.

To specify the order in which stations are displayed

- Select the **Station order** option.
- Use the ▲ and ▼ cursor keys to scroll through the options, and press **SELECT** or the ► key to make your selection.

The following table describes the options available under the 'Station Order' menu:

Station order	Description
Alphanumeric	Lists stations in alphabetical order.
Ensemble	Lists stations by multiplex.
Valid	Lists only active stations.

Manual Tune

- Choose the Manual Tune option from the DAB Mode menu.
- The Manual Tune selection screen allows you to select a particular frequency to tune to. The list of frequencies displayed is dependant on the currently-set frequency band and contains all of the frequencies within that band. It starts with the short name of the frequency, for example 12B, and is followed by the actual frequency in MHz.
- If there is a station corresponding to this station number and frequency, the display will show the name, frequency, and a tuning meter will show the signal strength.

DRC - Dynamic Range Control

- iBLIK DAB+ includes a dynamic range control that automatically boosts the volume of quieter sounds for listening in noisy environments.
- The DRC control is found in the DAB Mode menu under 'DRC'. There are three pre-defined settings as follows:

DRC	Description
DRC Low	Dynamic Range Control is set to half
DRC High	The recommended setting for noisy environments
DRC Off	Dynamic Range Control is switched off

Local and Full Scan

- As time passes, new stations will become available in your area. To find them and add them to your station list it is necessary to perform either a 'Local' or 'Full' scan. Both operations can be accessed via the DAB Mode menu.
- A Local Scan performs a shorter scan of only the 'local' ensemble range.
- A Full Scan will take longer, but will cover the complete DAB ensemble range.

Favourite Station Presets

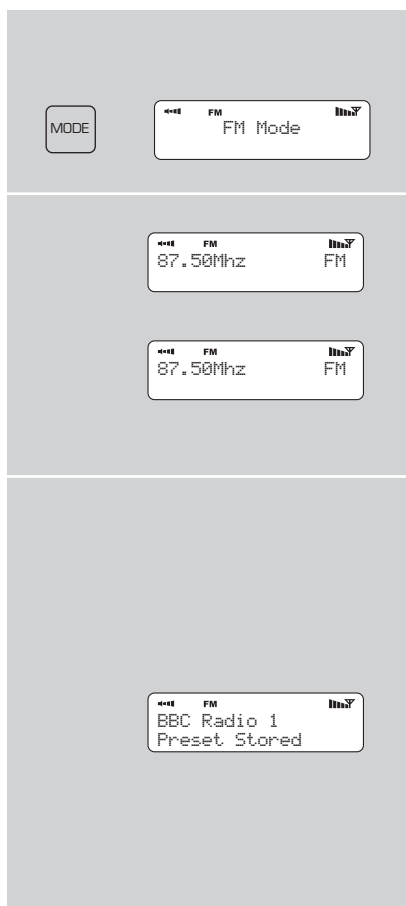
- iBLIK DAB+ allows you to store 10 favourite station presets, either via the 10 preset keys on iBLIK itself, or on the iBLIK remote control.
- To save the station you are currently listening to as a preset, simply press and hold a preset key (from 1 - 10) for 2 seconds. iBLIK will confirm that the key has been programmed by displaying 'Preset Stored' on iBLIK's LCD screen.
- Please note, if you store a preset on a key that was already holding a favourite station, the previous station will automatically be erased.

FM Mode

- Extend the telescopic antenna found on the rear of iBLIK DAB+.
- Enter 'FM Mode' from the Main Menu or by pressing the **MODE** key until 'FM Mode' is displayed on iBLIK's LCD display.
- If this is the first time iBLIK has been in FM mode, it will start at the beginning of the FM frequency range. Otherwise, the last FM station you were listening to will be selected.
- To scan through the FM frequency range press the **▲** and **▼** buttons.
- To 'SEEK' the next active station, press the **SELECT** button.

Favourite Station Presets

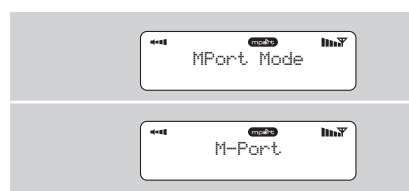
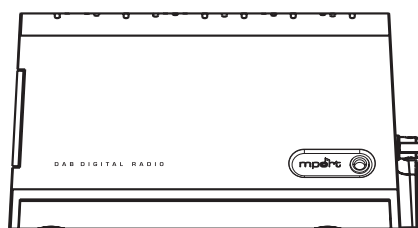
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- To save the station you are currently listening to as a preset, simply press and hold a preset key (from 1 - 10) for 2 seconds. iBLIK will confirm that the key has been programmed by displaying 'Preset Stored' on iBLIK's LCD screen.
- Please note, if you store a preset on a key that was already holding a favourite station, the previous station will automatically be erased.



MPort Mode

Using MPort

- Revo's MPort connector allows for quick and easy connection of an iPod®, similar MP3 player or sound source.
- Using the connection lead supplied, iBLIK is transformed into a high quality digital audio speaker system.
- Connect one end of the supplied audio lead to the headphone (or auxiliary out) socket of your source device, then connect the other end to the MPort on the side of iBLIK.
- Now press the **MODE** key and cycle through the options until 'MPort Mode' is displayed.
- iBLIK's LCD screen will now display the word 'MPort' on its screen.
- You should adjust the output volume level on both the source device and on iBLIK itself to gain optimal volume levels and sound performance.



iPod Mode

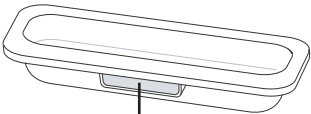
Selecting and Fitting the Dock Adaptor

■ Before using your iPod with iBLIK DAB+, please select the adaptor that is compatible with your model of iPod, as detailed in the table below:

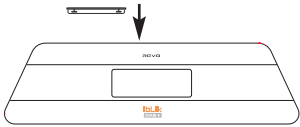
Dock Adaptor number	iPod 4th generation (colour display)	iPod nano 1st generation	iPod 5th generation (video)	iPod nano 2nd generation (aluminium)	iPod mini	iPod classic
3	20GB, 30GB 40GB, 60GB	1GB, 2GB, 4GB	30GB 60GB, 80GB	2GB, 4GB, 8GB	4GB, 6GB	80GB 160GB
6						
7						
8						
9						
10						
11						

The table above lists the seven iPod Dock Adaptors that are supplied with iBLIK DAB+.

Each Dock Adaptor is numbered (see diagram on right).



Select the correct adaptor number and clip it into the recess on the top face of iBLIK, ensuring that the number side is facing the rear.



iBLIK is compatible with all iPod models that connect to the iPod Universal Dock.

A compatible Dock Adaptor is supplied with most iPod models, if you do not have one, you should contact Apple.

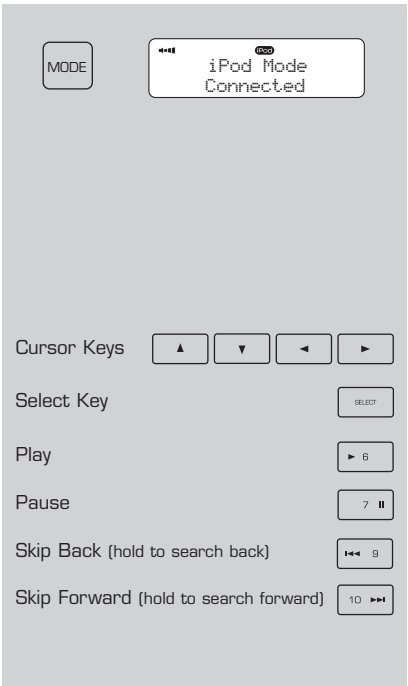
Connecting an iPod

Enter 'iPod Mode' from the Main Menu or by pressing the **MODE** key until 'iPod Mode' is displayed on iBLIK's LCD display.

Controlling Your iPod

Once connected, you can control the iPod in three different ways as follows:

- 1) By using the controls on the iPod itself, as normal.
- 2) By using the keys on the iBLIK's keypad as follows:
- 3) By using the iBLIK DAB+ remote control. These keys behave in the same way as the controls on the iBLIK keypad.



Alarms Mode

iBLIK DAB+ must have its clock and date set to use the alarm functionality.

Full instructions can be found on page 6 of this operating guide.

Setting An Alarm

- iBLIK allows you to store up to four different alarm programmes in memory.
- To set an alarm, press the **ALARM** button.
- iBLIK will now ask you to choose which of the four alarm memories you'd like to use. Use the **▲** and **▼** keys too choose an alarm and press **SELECT**.
- You can now switch this alarm on or off
- To set the wake-up time, press **SELECT** and use the **▲** and **▼** keys to set the wake up hour, then press **SELECT** or the **▶** key to move onto the minute setting. When your wake-up time has been set, press **SELECT**.
- You can now choose the alarm type. To choose alarm type, use the **▲** and **▼** cursor until 'Days' is displayed, then press **SELECT** or the **▶** key. There are four options: Daily, Once, Weekdays or Weekends. Make your selection using **▲** and **▼** then confirm by pressing **SELECT** or the **▶** key.
- You can now decide whether you would like to be woken up by DAB, FM, iPod or Buzzer. To choose the wake-up mode press the **▼** key to view the 'Mode' option and press **SELECT**.
- You can now decide whether you would like to be woken-up by the last played station, or by a specific preset (if none are set, iBLIK will wake you up using the default Buzzer).
- You will now have the option to set the wake-up volume for your alarm. Use the **▲** and **▼** keys to adjust the volume and press **SELECT** to set.
- Finally, you should select 'Save' from the menu to complete your alarm programme.
- When iBLIK has an active alarm in its memory, the alarm icon will appear on the top line of iBLIK's display at all times.
- To halt an alarm, press any button on iBLIK's keypad. Alternatively, tap the **SNOOZE** button to mute the alarm for a period of 5 minutes. When iBLIK is in Snooze mode, the Snooze icon will be displayed on the LCD screen, together with the current time and remaining Snooze time.
- To cancel a preset alarm, go back into the ALARM programming mode and change 'ON' to 'OFF'. The details of the alarm will continue to be retained in memory, and the alarm programme can be switched back on again at a later date.

ALARM

--- DAB ---
Alarm1: Off
Alarm2: Off

--- DAB ---
Set Alarm Time
07:15

--- DAB ---
>Days: Daily
Mode: DAB Mode

--- DAB ---
>Daily
Once

--- DAB ---
>DAB Mode
FM Mode

--- DAB ---
>Mode: DAB Mode
Last Listened

--- DAB ---
Alarm Volume
■■■■■■■■■■

--- DAB ---
Alarm Volume
■■■■■■■■■■

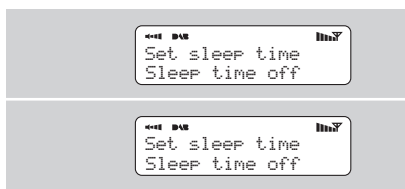
--- DAB --- ZZZ
07:20:01
5:00

--- DAB ---
07:15
>off

Sleep Mode

Setting A Sleep Period

- It is possible to programme iBLIK to turn off after a pre-defined period of time. To do so, select the 'System setup' option from the Main Menu, then select 'Time setup', then 'Sleep'.
- Now, using the ▼ and ▲ keys, you can select a sleep time period of 15, 30, 45, 60, 75 or 90 minutes.
- iBLIK will now automatically put itself into standby mode after the time has elapsed.



System Setup

Time Setup

- The time can be set in one of two ways, either manually via the 'Time setup' option on the in the System Menu, or alternatively simply press the **MODE** key until iBLIK DAB+ enters DAB Mode. In DAB mode, iBLIK will automatically set the correct time and date from the DAB transmitter. iBLIK will remember its time setting even when in standby mode, and will only lose the time/date when power is removed.
- Under the 'Time Setup' menu, you can also switch between 12 and 24 hour clock formats.
- Lastly, the 'Auto Update' option in the 'Time Setup' menu allows you to select whether or not the time should be synchronised with the DAB broadcaster clock. If 'No Update' is selected, then the clock remains as manually set.

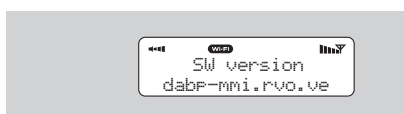
Factory Reset

- In the unlikely event that iBLIK DAB+ should 'crash', 'freeze' or start behaving in a strange way, it is possible to perform a full software reset. This operation will completely reset iBLIK's memory. This will effectively return iBLIK to its default factory settings.

Info

Software Version

- You may be asked for the current software version when dealing with a technical support issue.
- The software version can be found under the 'Info' heading, located in the 'Main Menu'.



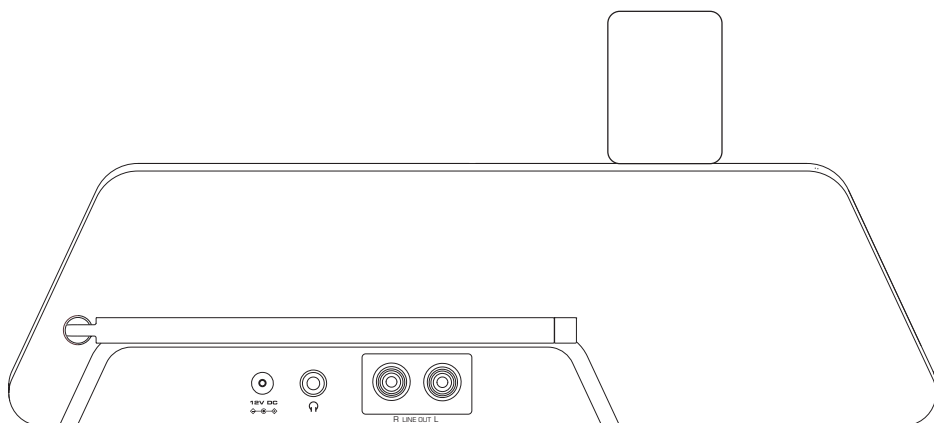
Troubleshooting

DAB Digital Radio

- Q.** I hear a 'burbling' noise on some stations.
- A.** If the signal strength is too low, a break-up in reception can occur. This sound is the result. Make sure that iBLIK's antenna is fully extended and in an upright position. If the problem persists, move iBLIK to another location or check that you are in an area where reception of this station is possible.
- Q.** I get a 'No stations available' message?
- A.** Make sure that your antenna is fully extended and vertical. Check the signal strength and move iBLIK to another location if necessary.
- Q.** iBLIK's clock isn't set.
- A.** iBLIK needs to be able to pick-up a DAB signal or have its clock set manually. See page 6 for full instructions on how to set the time and date.

REVO®

*Radio
is our
Religion*



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